824 Application Advice - Customs

Functional Group ID=SO

CBP MMM OCEAN X.12 IMPLEMENTATION GUIDE

Introduction:

This version of the 824 Application Advice will be used by U.S. Customs and Border Protection to send an application level acceptance / rejection advice. The 824 Application Advice may be used in replace of the 355 Acceptance / Rejection Advice. Upon the trade participant's selection, an 824 Application Advice or 355 Acceptance / Rejection Advice will be sent for all subsequent transaction responses.

Notes:

(Update: March, 2008)

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0010	ISA	Interchange Control Header	M	1		
M	0020	GS	Functional Group Header	M	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
Not Used	0300	N1	Party Identification	O	1		
Not Used	0400	N2	Additional Name Information	O	2		
Not Used	0500	N3	Party Location	O	2		
Not Used	0600	N4	Geographic Location	O	1		
Not Used	0700	REF	Reference Information	O	12		
Not Used	0800	PER	Administrative Communications Contact	O	3		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
M	0100	OTI	Original Transaction Identification	M	1		n1
	0200	REF	Reference Information	O	>1		n2
Not Used	0300	DTM	Date/Time Reference	O	>1		n3
Not Used	0400	PER	Administrative Communications Contact	O	3		n4
Not Used	0500	AMT	Monetary Amount Information	O	>1		n5
Not Used	0600	QTY	Quantity Information	O	>1		n6
Not Used	0650	NM1	Individual or Organizational Name	O	9		n7
			LOOP ID - TED			>1	
	0700	TED	Technical Error Description	O	1		
Not Used	0750	CTX	Context	O	10		
Not Used	0800	NTE	Note/Special Instruction	O	100		
Not Used	0820	RED	Related Data	O	100		n8

			LOOP ID - LM			>1	
Not Used	0850	LM	Code Source Information	O	1		n9
			LOOP ID - LQ			100	
Not Used	0860	LQ	Industry Code Identification	M	1		
Not Used	0870	RED	Related Data	O	100		n10
M	0900	SE	Transaction Set Trailer	M	1		
M	0930	GE	Functional Group Trailer	M	1		
M	0960	IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

3. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.

4. The PER segment should be utilized if administrative communications contact information is important to the unique identification of the original transaction set.

5. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.

6. The QTY segment should be utilized if quantity information is important to the unique identification of the original transaction set.

7. The NM1 segment allows for the provision of entity identification information required to uniquely identify the original transaction set.

8. The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.

9. The LM loop is used to identify industry-based or proprietary application error conditions.

10. The RED segment may be used to provide data related to the error condition specified in the associated LQ02 element.

Segment: **ISA** **Interchange Control Header**
Position: 0010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ISA01**	**I01**	**Authorization Information Qualifier** Code identifying the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	**M 1 ID 2/2**
M	**ISA02**	**I02**	**Authorization Information** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) Transaction identification preceded by 'SW', followed by 5 spaces. Example 'SW355 '	**M 1 AN 10/10**
M	**ISA03**	**I03**	**Security Information Qualifier** Code identifying the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	**M 1 ID 2/2**
M	**ISA04**	**I04**	**Security Information** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) Always 10 spaces.	**M 1 AN 10/10**
M	**ISA05**	**I05**	**Interchange ID Qualifier** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	**M 1 ID 2/2**
M	**ISA06**	**I06**	**Interchange Sender ID** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element Values: 'CUSTOMSTST' - Testing 'CUSTOMS' - Production.	**M 1 AN 15/15**
M	**ISA07**	**I05**	**Interchange ID Qualifier** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	**M 1 ID 2/2**
M	**ISA08**	**I07**	**Interchange Receiver ID** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	**M 1 AN 15/15**
M	**ISA09**	**I08**	**Interchange Date** Date of the interchange	**M 1 DT 6/6**

M	**ISA10**	**I09**	**Interchange Time** Time of the interchange	**M**	**1**	**TM 4/4**
M	**ISA11**	**I65**	**Repetition Separator** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator Repetition Separator = "^" (caret)	**M**	**1**	**AN 1/1**
M	**ISA12**	**I11**	**Interchange Control Version Number** Code specifying the version number of the interchange control segments 00504 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006	**M**	**1**	**ID 5/5**
M	**ISA13**	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**1**	**N0 9/9**
M	**ISA14**	**I13**	**Acknowledgment Requested** Code indicating sender's request for an interchange acknowledgment 0 No Interchange Acknowledgment Requested	**M**	**1**	**ID 1/1**
M	**ISA15**	**I14**	**Interchange Usage Indicator** Code indicating whether data enclosed by this interchange envelope is test, production or information P Production Data	**M**	**1**	**ID 1/1**
M	**ISA16**	**I15**	**Component Element Separator** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator Always ':' (colon)	**M**	**1**	**AN 1/1**

Segment: **GS** **Functional Group Header**
Position: 0020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:
1 GS04 is the group date.
2 GS05 is the group time.
3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
Comments:
1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**GS01**	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets SO Ocean Shipment Information	**M**	**1**	**ID 2/2**
M	**GS02**	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners Values: 'CUSTOMSTST' - Testing 'CUSTOMS' - Production	**M**	**1**	**AN 2/15**
M	**GS03**	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners Sender Carrier Identifier/SCAC.	**M**	**1**	**AN 2/15**
M	**GS04**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M**	**1**	**DT 8/8**
M	**GS05**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**M**	**1**	**TM 4/8**
M	**GS06**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**1**	**N0 1/9**
M	**GS07**	**455**	**Responsible Agency Code** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 X Accredited Standards Committee X12	**M**	**1**	**ID 1/2**
M	**GS08**	**480**	**Version / Release / Industry Identifier Code** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed 005040 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006	**M**	**1**	**AN 1/12**

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 824 Application Advice	**M 1 ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M 1 AN 4/9**

Segment: **BGN** **Beginning Segment**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: **1** If BGN05 is present, then BGN04 is required.
Semantic Notes: **1** BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**BGN01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 06 Confirmation 44 Rejection	**M**	**1**	**ID 2/2**
M	**BGN02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Transaction Set Control Number from the ST segment of the original transaction sent to Customs.	**M**	**1**	**AN 1/80**
M	**BGN03**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year The date in the original transaction sent to Customs.	**M**	**1**	**DT 8/8**
Required	**BGN04**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) The time sent in the original transaction sent to Customs (HHMM).	**X**	**1**	**TM 4/8**

Segment: **OTI** **Original Transaction Identification**
Position: 0100
Loop: OTI Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:
1 If OTI09 is present, then OTI08 is required.
Semantic Notes:
1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
2 OTI06 is the group date.
3 OTI07 is the group time.
4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.
Comments:
1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**OTI01**	**110**	**Application Acknowledgment Code** Code indicating the application system edit results of the business data IA Item Accept IR Item Reject	**M**	**1**	**ID 1/2**
M	**OTI02**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification TG Transportation Control Number (TCN)	**M**	**1**	**ID 2/3**
M	**OTI03**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Customs Control Number. Rail - Control Number formerly mapped to position 01 of the K3 segment in the 355 message.	**M**	**1**	**AN 1/80**
	OTI06	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**O**	**1**	**DT 8/8**
	OTI07	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-	**O**	**1**	**TM 4/8**

		59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
OTI08	**28**	**Group Control Number**	**X**	**1**	**N0 1/9**
		Assigned number originated and maintained by the sender			
OTI09	**329**	**Transaction Set Control Number**	**O**	**1**	**AN 4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment: **REF** **Reference Information**
Position: 0200
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification ZZ Mutually Defined	**M**	**1**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Will contain M1012 (Internal Tracking Number) in the original transaction sent to customs.	**X**	**1**	**AN 1/80**

Segment: **TED** **Technical Error Description**
Position: 0700
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: **1** If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**TED01**	**647**	**Application Error Condition Code** Code indicating application error condition ZZZ Mutually Defined	**M**	**1**	**ID 1/3**
Required	**TED02**	**3**	**Free-form Message** Free-form text Customs Reject Reason 3-character error code (CAMIR Appendix H) followed by a space and a text description of up to 56 characters.	**O**	**1**	**AN 1/60**
	TED03	**721**	**Segment ID Code** Code defining the segment ID of the data segment in error (See Appendix A - Number 77) Code defining the segment ID of the data segment in error.	**O**	**1**	**ID 2/3**
	TED05	**C030**	**Position in Segment** Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID. Used only by Canada Customs.	**O**	**1**	
	TED06	**C999**	**Reference in Segment** To hold the reference number of a data element and optionally a component data element within a composite Used only by Canada Customs	**O**	**1**	
	TED07	**724**	**Copy of Bad Data Element** This is a copy of the data element in error This represents the string of information that has been flagged in error.	**O**	**1**	**AN 1/99**

Segment: **SE** **Transaction Set Trailer**
Position: 0900
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**1**	**N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**1**	**AN 4/9**

Segment: **GE** **Functional Group Trailer**
Position: 0930
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: **1** The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.
Comments: **1** The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**GE01**	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**1**	**N0 1/6**
M	**GE02**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**1**	**N0 1/9**

Segment: **IEA** **Interchange Control Trailer**
Position: 0960
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**IEA01**	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**1**	**N0 1/5**
M	**IEA02**	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**1**	**N0 9/9**